

ideapad



Lenovo IdeaPad Y450



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Type-model	Pro- cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue- tooth	ENERGY STAR 5.0	Vista preload	Avail date
4189-34U	T3400	2.16	3GB	14.0" WXGA	LED	Cam	GMA	160GB <sup>8</sup>	DVD±RW	Intel 5100 <sup>28</sup>	Black	None	ES50	Prem 32	Apr 09
4189-32U	T4200	2.00	2GB	14.0" WXGA	LED	Cam	GMA	160GB	DVD±RW	Intel 5100	Black	None	ES50	Prem 32	Apr 09
4189-35U	T4200	2.00	3GB	14.0" WXGA	LED	Cam	GMA	250GB	DVD±RW	Intel 5100	Black	None	ES50	Prem 32	Apr 09
4189-7GU	T4200	2.00	4GB	14.0" WXGA	LED	Cam	GMA	250GB	DVD±RW	Intel 5100	Black	None	ES50	Prem 64	Oct 09
✖ 4189-36U	T6400	2.00	3GB	14.0" WXGA	LED	Cam	GMA	250GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 32	Apr 09
✖ 4189-38U	T6400	2.00	4GB	14.0" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Apr 09
✖ 4189-7HU	T6400	2.00	4GB	14.0" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Oct 09
✖ 4189-63U	T6500	2.10	3GB	14.0" WXGA	LED	Cam	GMA	250GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 32	Aug 09
✖ 4189-7AU	T6500	2.10	4GB	14.0" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Aug 09
✖ 4189-64U	T6500	2.10	4GB	14.0" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Aug 09
✖ 4189-2AU	T6500	2.10	4GB	14.0" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Aug 09
✖ 4189-2BU	T6500	2.10	4GB	14.0" WXGA	LED	Cam	GMA	500GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Aug 09
4189-2CU	P7350	2.00	4GB	14.0" WXGA	LED	Cam	GMA	320GB	DVD±RW	✧ Intel 5100	Black	None	ES50	Prem 64	Aug 09
4189-2DU	P7350	2.00	4GB	14.0" WXGA	LED	Cam	GMA	500GB	DVD±RW	✧ Intel 5100	Black	None	ES50	Prem 64	Aug 09

- 14.0" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two stereo speakers
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

Positioning Processor	Widescreen flexibility; two-spindle Intel® Pentium® Processor T3400 or T4200 with dual-core, 1MB L2 cache, T3400: 667MHz system bus T4200: 800MHz system bus or Intel Core™ 2 Duo processor T6400 or T6500 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7350 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	Preloaded operating system <sup>20</sup> - Some: Genuine Windows® Vista® Home Premium 32 - Some: Genuine Windows Vista Home Premium 64 ✧ Vista Premium logo
Memory	2GB, 3GB, or 4GB std / 8GB max <sup>7</sup> ; PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;	Preloaded applications <sup>14</sup> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software
Diskette drive	None (use optional USB-based diskette drive)	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7 mm high, tray-in	
SATA disk	160GB, 250GB, 320GB, or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy); LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	
Integrated graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, HDMI port supporting HDCP to output protected content	
Keyboard	Full-size keyboard, 6-row, 84-key	
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key recovery key, mute, volume up, volume down button	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions <sup>3</sup>	(WxDxH): 13.4" x 9.1" x 0.8" to 1.4"; 340mm x 232mm x 21mm to 34.8mm	
Weight <sup>2</sup>	with optical drive and battery: 6-cell: 4.63 lb (2.1 kg)	
Case color	Black top with engraved pattern, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life <sup>10</sup>	Up to 4.5 hr	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant
Chipset	Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)	
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, IEEE 1394 FireWire 400 (4-pin connector)	Limited Warranty <sup>12</sup> ⇒ 1-year parts and labor ⇒ Depot repair service <sup>19</sup> ⇒ Service upgrade options (in eligible locations): <sup>9</sup> • 1-year accidental damage protection via depot 43R8885 • 3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day 43R8883 • 3-year Lenovo Onsite Repair <sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884 ⇒ 24x7 <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686
TV tuner	None	
Mini PCI Express	Two Mini PCI Express slots	
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	None	
Modem	None	
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)	
Security	Hard disk password, user password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information  
 ⚠ US models announced September 30, 2009;  
 previous models on April 22 or August 19, 2009  
 ✖ US models withdrawn effective October 2009

\* Intel Centrino® processor technology  
 ✧ Intel Centrino 2 processor technology

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 (KTW1-1) October 2009

Type-model	Pro- cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue- tooth	ENERGY STAR 5.0	Win7 preload	Avail date
4189-6LU	T4300	2.10	3GB	14.0" WXGA	LED	1.3M	GMA	250GB <sup>8</sup>	DVD±RW	Intel 5100 <sup>28</sup>	Black		ES50	Prem 64	Oct 09
4189-6GU	T4300	2.10	4GB	14.0" WXGA	LED	1.3M	GMA	320GB	DVD±RW	Intel 5100	Black	Blue	ES50	Prem 64	Oct 09
4189-6FU	T6600	2.20	4GB	14.0" WXGA	LED	1.3M	GMA	320GB	DVD±RW	* Intel 5100	Black		ES50	Prem 64	Oct 09
4189-6AU	T6600	2.20	4GB	14.0" WXGA	LED	1.3M	GMA	320GB	DVD±RW	* Intel 5100	Black	Blue	ES50	Prem 64	Oct 09
4189-6EU	T6600	2.20	4GB	14.0" WXGA	LED	1.3M	GMA	500GB	DVD±RW	* Intel 5100	Black		ES50	Prem 64	Oct 09
4189-69U	P7450	2.13	4GB	14.0" WXGA	LED	1.3M	GMA	320GB	DVD±RW	÷ Intel 5100	Black		ES50	Prem 64	Oct 09
4189-68U	P7450	2.13	4GB	14.0" WXGA	LED	1.3M	GMA	500GB	DVD±RW	÷ Intel 5100	Black		ES50	Prem 64	Oct 09

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- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two stereo speakers
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Pentium® Processor T4300</b> with dual-core, 800MHz system bus, and 1MB L2 cache or <b>Intel Core™ 2 Duo processor T6600</b> with dual-core, 800MHz system bus, and 2MB L2 cache or <b>Intel Core 2 Duo processor P7450</b> with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	<b>Preloaded operating system</b> <sup>20</sup> - Genuine Windows® 7 Home Premium 64  <b>Preloaded applications</b> <sup>14</sup> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Adobe® Reader • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;	
Diskette drive	None (use optional USB-based diskette drive)	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7 mm high, tray-in	
SATA disk	<b>250GB</b> , <b>320GB</b> , or <b>500GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	<b>14.0"</b> (355.6mm) <b>WXGA (1366x768) TFT color, VibrantView</b> (glossy); <b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	
Integrated graphics	<b>Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)</b> , in GM45, HDMI port supporting HDCP to output protected content	
Keyboard	Full-size keyboard, 6-row, 84-key	
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key recovery key, mute, volume up, volume down button	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	65-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant  <b>Limited Warranty</b> <sup>12</sup> ⇨ <b>1-year parts and labor</b> ⇨ <b>Depot repair service</b> <sup>19</sup> ⇨ <b>Service upgrade options</b> (in eligible locations): <sup>9</sup> • <b>1-year accidental damage protection via depot</b> 43R8885 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day 43R8883 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884 ⇨ <b>24x7<sup>16</sup> toll-free support for warranty issues during the warranty period</b> <sup>12</sup> via 877-453-6686
Dimensions <sup>3</sup>	(WxDxH): 13.4" x 9.1" x 0.8" to 1.4"; 340mm x 232mm x 21mm to 34.8mm	
Weight <sup>2</sup>	with optical drive and battery: <i>6-cell</i> : 4.63 lb (2.1 kg)	
Case color	Black top with engraved pattern, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion <b>6-cell</b>	
Battery - life <sup>10</sup>	Up to 4.5 hr	
Chipset	<b>Mobile Intel GM45 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)	
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, IEEE 1394 FireWire 400 (4-pin connector)	
TV tuner	None	
Mini PCI Express	Two Mini PCI Express slots	
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)	
Security	Hard disk password, user password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information  
US models announced October 23, 2009;

\* Intel Centrino® processor technology  
÷ Intel Centrino 2 processor technology

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Type-model	Pro- cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue- tooth	ENERGY STAR 5.0	Vista preload	Avail date
4189-39U	P7450	2.13	4GB	14.0" WXGA	LED	Cam	G110M	320GB <sup>8</sup>	DVD±RW	✚ Intel 5100 <sup>28</sup>	Black	Blue	ES50	Prem 64	Apr 09
4189-7KU	P7450	2.13	4GB	14.0" WXGA	LED	Cam	G110M	320GB	DVD±RW	✚ Intel 5100	Black	Blue	ES50	Prem 64	Oct 09
4189-66U	P8700	2.53	4GB	14.0" WXGA	LED	Cam	GT 130M	320GB	DVD±RW	✚ Intel 5100	Black	Blue	ES50	Prem 64	Aug 09

- **14.0" widescreen, glossy display with LED backlight**
- **Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Dolby® Home Theater® premium audio system with two stereo speakers**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode**

Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Core™ 2 Duo processor P7450 or P8700</b> with <b>dual-core</b> , Intel HD Boost, 1066MHz system bus, and 3MB L2 cache		<b>Preloaded operating system</b> <sup>20</sup> - Genuine Windows® Vista® Home Premium 64 ✧ Vista Premium logo  <b>Preloaded applications</b> <sup>14</sup> (only some listed) • Lenovo® OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software	
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available			
Diskette drive SATA DVD±RW SATA disk	None (use optional USB-based diskette drive) DVD burner, dual-layer support, fixed, not removable, 12.7 mm high, slot-in <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable			
Widescreen display display Camera	<b>14.0"</b> (355.6mm) <b>WXGA (1366x768) TFT color, VibrantView</b> (glossy); <b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator			
Discrete graphics	<i>Some:</i> <b>NVIDIA® GeForce® G110M</b> , PCI Express® x16, <b>256MB</b> memory, DirectX® 10, PureVideo® HD technology, VGA, HDMI, HDCP-compliant <i>Some:</i> <b>NVIDIA GeForce GT 130M</b> , PCI Express x16, <b>512MB</b> memory, DirectX 10, PureVideo HD technology, CUDA® technology, VGA, HDMI, HDCP-compliant			
Keyboard Touch controls	Full-size keyboard, 6-row, 84-key Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key, recovery key, mute, volume up, volume down button		90-watt AC adapter Wireless on/off switch EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch			
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 13.4" x 9.1" x 0.8" to 1.4"; 340mm x 232mm x 21mm to 34.8mm with optical drive and battery: <i>6-cell</i> : 4.63 lb (2.1 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion <b>6-cell</b> Up to 3.5 hr			
Chipset	<b>Mobile Intel PM45 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)			
ExpressCard/34 Multicard reader	One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)			
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, IEEE 1394 FireWire 400 (4-pin connector)			
TV tuner Mini PCI Express Intel 5100 <sup>28</sup> Bluetooth™ Modem Ethernet Audio support	None Two Mini PCI Express slots 11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet, Broadcom® BCM5784, PCIe x1 High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm) Hard disk password, user password, supervisor password, security lockhole			
Security Fingerprint reader	None			
				<b>Limited Warranty</b> <sup>12</sup> ➤ <b>1-year parts and labor</b> ➤ <b>Depot repair service</b> <sup>19</sup> ➤ <b>Service upgrade options</b> (in eligible locations): <sup>9</sup> • <b>1-year accidental damage protection via depot</b> 43R8885 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day 43R8883 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884 ➤ <b>24x7</b> <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686

See footnotes for important warranty information

✚ Intel Centrino® 2 processor technology

✚ US model announced September 30, 2009; previous models on April 22 or August 19, 2009

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Type-model	Pro- cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue- tooth	ENERGY STAR 5.0	Win7 preload	Avail date
4189-6HU	P8700	2.53	4GB	14.0" WXGA	LED	1.3M	GT 240M	320GB <sup>8</sup>	DVD±RW	✚ Intel 5100 <sup>28</sup>	Black	Blue	ES50	Prem 64	Oct 09

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- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode**

Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Core™ 2 Duo processor P8700</b> with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache		<b>Preloaded operating system</b> <sup>20</sup> - Genuine Windows® 7 Home Premium 64  <b>Preloaded applications</b> <sup>14</sup> (only some listed) • Lenovo® OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Adobe® Reader • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available		
Diskette drive SATA DVD±RW SATA disk	None (use optional USB-based diskette drive) DVD burner, dual-layer support, fixed, not removable, 12.7 mm high, tray-in <b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable		
Widescreen display Camera	<b>14.0"</b> (355.6mm) <b>WXGA (1366x768) TFT color, VibrantView</b> (glossy); <b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator		
Discrete graphics	<b>NVIDIA® GeForce® GT 240M</b> , PCI Express x16, <b>512MB</b> memory, DirectX 10.1, PureVideo® HD technology, CUDA™ technology, VGA, HDMI, HDCP-compliant		
Keyboard Touch controls	Full-size keyboard, 6-row, 84-key Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key, recovery key, mute, volume up, volume down button		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch		
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	(WxDxH): 13.4" x 9.1" x 0.8" to 1.4"; 340mm x 232mm x 21mm to 34.8mm with optical drive and battery: <i>6-cell</i> : 4.63 lb (2.1 kg) Black top with engraved pattern, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion <b>6-cell</b> Up to 3.5 hr		
Chipset	<b>Mobile Intel PM45 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)		
ExpressCard/34 Multicard reader	One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)		
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, IEEE 1394 FireWire 400 (4-pin connector)		
TV tuner Mini PCI Express Intel 5100 <sup>28</sup> Bluetooth™ Modem Ethernet Audio support	None Two Mini PCI Express slots 11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet, Broadcom® BCM5784, PCIe x1 High Definition (HD) Audio, RealTek® ALC269 codec / two stereo speakers (1.5 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm) Hard disk password, user password, supervisor password, security lockhole		
Security Fingerprint reader	None		

<b>Limited Warranty</b> <sup>12</sup> ⇒ <b>1-year parts and labor</b> ⇒ <b>Depot repair service</b> <sup>19</sup> ⇒ <b>Service upgrade options</b> (in eligible locations): <sup>9</sup> • <b>1-year accidental damage protection via depot</b> 43R8885 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> • <b>9x5 Next Business Day</b> 43R8883 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> • <b>9x5 Next Business Day with accidental damage protection</b> 43R8884 ⇒ <b>24x7</b> <sup>16</sup> <b>toll-free support for warranty issues during the warranty period</b> <sup>12</sup> <b>via 877-453-6686</b>	
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See footnotes for important warranty information  
US model announced October 23, 2009

✚ Intel Centrino® 2 processor technology

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**Limited Warranty**<sup>12</sup>

- ✚ **1-year parts and labor**
- ✚ **Depot repair service**<sup>19</sup>
- ✚ **Service upgrade options** (in eligible locations):<sup>9</sup>
  - **1-year accidental damage protection via depot** 43R8885
  - **3-year Lenovo Onsite Repair**<sup>13</sup> 9x5 Next Business Day 43R8883
  - **3-year Lenovo Onsite Repair**<sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884
  - ✚ **24x7<sup>16</sup> toll-free support for warranty issues during the warranty period**<sup>12</sup> via 877-453-6686



Lenovo IdeaPad Y550



Lenovo IdeaPad Y550



Lenovo IdeaPad Y550



Lenovo IdeaPad Y550



Lenovo IdeaPad Y550



Lenovo IdeaPad Y550



Type-model	Processor	GHz	Memory	Widescreen display	CCFL or LED	Camera	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	ENERGY STAR 5.0	Vista preload	Avail date
4186-48U	T4200	2.00	2GB	15.6" WXGA	LED	Cam	GMA	250GB <sup>8</sup>	DVD±RW	Intel 5100 <sup>28</sup>	Black	None		Prem 32	May 09
4186-46U	T4200	2.00	4GB	15.6" WXGA	LED	Cam	GMA	320GB	DVD±RW	Intel 5100	Black	None		Prem 64	May 09
✖ 4186-45U	T6400	2.00	3GB	15.6" WXGA	LED	Cam	GMA	250GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 32	May 09
✖ 4186-44U	T6400	2.00	4GB	15.6" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	May 09
✖ 4186-5DU	T6500	2.10	4GB	15.6" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Aug 09
✖ 4186-75U	T6500	2.10	4GB	15.6" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Aug 09
✖ 4186-55U	T6500	2.10	4GB	15.6" WXGA	LED	Cam	GMA	320GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Aug 09
✖ 4186-56U	T6500	2.10	4GB	15.6" WXGA	LED	Cam	GMA	500GB	DVD±RW	* Intel 5100	Black	None	ES50	Prem 64	Aug 09
⚡ 4186-58U	P7350	2.00	4GB	15.6" WXGA	LED	Cam	GMA	320GB	DVD±RW	⚡ Intel 5100	Black	None	ES50	Prem 64	Aug 09
⚡ 4186-79U	P7350	2.00	4GB	15.6" WXGA	LED	Cam	GMA	500GB	DVD±RW	⚡ Intel 5100	Black	None	ES50	Prem 64	Aug 09
⚡ 4186-59U	P7350	2.00	4GB	15.6" WXGA	LED	Cam	GMA	500GB	DVD±RW	⚡ Intel 5100	Black	None	ES50	Prem 64	Aug 09

- 15.6" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two stereo speakers and one subwoofer
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Pentium® Processor T4200</b> with dual-core, 800MHz system bus, and 1MB L2 cache or <b>Intel Core™ 2 Duo processor T6400</b> or <b>T6500</b> with dual-core, 800MHz system bus, and 2MB L2 cache or <b>Intel Core 2 Duo processor P7350</b> with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	<b>Preloaded operating system</b> <sup>20</sup> - Some: Genuine Windows® Vista® Home Premium 32 - Some: Genuine Windows Vista Home Premium 64 ✧ Vista Premium logo
Memory	<b>2GB, 3GB, or 4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available	<b>Preloaded applications</b> <sup>14</sup> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Lenovo Desktop Navigator software
Diskette drive	None (use optional USB-based diskette drive)	Available at these retailers • lenovo.com
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7 mm high, tray-in	
SATA disk	<b>250GB, 320GB, or 500GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	
Widescreen display	<b>15.6"</b> (396.2mm) <b>WXGA (1366x768) TFT color, VibrantView</b> (glossy); <b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	
Integrated graphics	<b>Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)</b> , in GM45, HDMI port supporting HDCP to output protected content	65-watt AC adapter Wireless on/off switch EPEAT™ Silver rating Some: ENERGY STAR® 5.0-compliant RoHS-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down button	
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions <sup>3</sup>	(WxDxH): 15.2" x 10.0" x 1.02" to 1.5"; 385mm x 255mm x 26mm to 37mm	
Weight <sup>2</sup>	with optical drive and battery: 6-cell: 6.06 lb (2.75 kg)	<b>Limited Warranty</b> <sup>12</sup> ⇒ <b>1-year parts and labor</b> ⇒ <b>Depot repair service</b> <sup>19</sup> ⇒ <b>Service upgrade options</b> (in eligible locations): <sup>9</sup> • <b>1-year accidental damage protection via depot</b> 43R8885 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day 43R8883 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884 ⇒ <b>24x7<sup>16</sup> toll-free support for warranty issues during the warranty period</b> <sup>12</sup> via 877-453-6686
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion <b>6-cell</b>	
Battery - life <sup>10</sup>	Up to 4.5 hr	
Chipset	<b>Mobile Intel GM45 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)	
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR	
TV tuner	None	
Mini PCI Express	Three Mini PCI Express slots	
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	None	
Modem	None	
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two stereo speakers (2 watt) and subwoofer (2 watt), Dolby® Home Theater® Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)	
Security	Hard disk password, user password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information

⚡ US models announced August 19, 2009; previous models on May 6, 2009

✖ US models withdrawn effective October 2009

\* Intel Centrino® processor technology

⚡ Intel Centrino 2 processor technology

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Type-model	Processor	GHz	Memory	Widescreen display	CCFL or LED	Camera	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	ENERGY STAR 5.0	Vista preload	Avail date
✂ 4186-5BU	T6500	2.10	4GB	15.6" WXGA	LED	Cam	GT130M	320GB <sup>8</sup>	DVD±RW	* Intel 5100 <sup>28</sup>	Black		ES50	Prem 64	Aug 09
✂ 4186-7CU	P7350	2.00	6GB	15.6" WXGA	LED	Cam	GT130M	500GB	DVD±RW	✂ Intel 5100	Black		ES50	Prem 64	Aug 09
✂ 4186-5EU	P7350	2.00	6GB	15.6" WXGA	LED	Cam	GT130M	500GB	DVD±RW	✂ Intel 5100	Black		ES50	Prem 64	Aug 09
4186-4AU	P8600	2.40	4GB	15.6" WXGA	LED	Cam	GT130M	500GB	DVD±RW	✂ Intel 5100	Black	Blue	ES50	Prem 64	May 09
4186-42U	P8700	2.53	4GB	15.6" WXGA	LED	Cam	GT130M	500GB	DVD±RW	✂ Intel 5100	Black	Blue	ES50	Prem 64	May 09

- 15.6" widescreen, glossy display with LED backlight
- **Lenovo® Desktop Navigator** easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar
- Integrated 1.3 megapixel camera and **Lenovo's VeriFace** face recognition software helps control access to your notebook by recognizing your face.
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- **Dolby® Home Theater** premium audio system with two stereo speakers and one subwoofer
- **Lenovo Rescue System** provides **OneKey™** recovery and **OneKey Antivirus** without booting into Windows
- **OneKey Theater** allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Core™ 2 Duo processor T6500</b> with dual-core, 800MHz system bus, and 2MB L2 cache or <b>Intel Core 2 Duo processor P7350, P8600, or P8700</b> with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	<b>Preloaded operating system<sup>20</sup></b> - Genuine Windows® Vista® Home Premium 64-bit ✂ Vista Premium logo
Memory	<b>4GB</b> or <b>6GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;	<b>Preloaded applications<sup>14</sup></b> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software
Diskette drive	None (use optional USB-based diskette drive)	Available at these retailers • lenovo.com
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7 mm high, tray-in	
SATA disk	<b>320GB</b> or <b>500GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	
Widescreen display	<b>15.6"</b> (396.2mm) <b>WXGA (1366x768) TFT color, VibrantView</b> (glossy); <b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	
Discrete graphics	<b>NVIDIA® GeForce® GT 130M</b> , PCI Express® x16, <b>512MB</b> memory, DirectX® 10, PureVideo® HD technology, CUDA® technology, VGA, HDMI, HDCP-compliant	90-watt AC adapter Wireless on/off switch EPEAT™ Silver rating ENERGY STAR® 5.0-compliant RoHS-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down button	
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions <sup>3</sup>	(WxDxH): 15.2" x 10.0" x 1.02" to 1.5"; 385mm x 255mm x 26mm to 37mm	
Weight <sup>2</sup>	with optical drive and battery: 6-cell: 6.06 lb (2.75 kg)	<b>Limited Warranty<sup>12</sup></b> ✂ <b>1-year parts and labor</b> ✂ <b>Depot repair service<sup>19</sup></b> ✂ <b>Service upgrade options</b> (in eligible locations): <sup>9</sup> • <b>1-year accidental damage protection via depot</b> 43R8885 • <b>3-year Lenovo Onsite Repair<sup>13</sup></b> 9x5 Next Business Day 43R8883 • <b>3-year Lenovo Onsite Repair<sup>13</sup></b> 9x5 Next Business Day with accidental damage protection 43R8884 ✂ <b>24x7<sup>16</sup> toll-free support for warranty issues during the warranty period<sup>12</sup> via 877-453-6686</b>
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion <b>6-cell</b>	
Battery - life <sup>10</sup>	Up to 3.5 hr	
Chipset	<b>Mobile Intel PM45 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)	
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR	
TV tuner	None	
Mini PCI Express	Three Mini PCI Express slots	
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two stereo speakers (2 watt) and subwoofer (2 watt), Dolby® Home Theater® Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)	
Security	Hard disk password, user password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information

✂ US models announced August 19, 2009

previous models on May 6, 2009

✂ US models withdrawn effective October 2009

\* Intel Centrino® processor technology

✂ Intel Centrino 2 processor technology

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(BM2-2) August 2009



Type-model	Pro- cessor	Base (GHz)	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam- era	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue- tooth	Win7 preload	Avail date
3241-64U	i7-720QM	1.60	2.80	4GB	15.6" HD	LED	1.3M	GT240M	320GB <sup>8</sup>	DVD±RW	Intel 5100 <sup>28</sup>	Black	Blue	Prem 64	Nov 09
3241-62U	i7-820QM	1.73	3.06	4GB	15.6" HD	LED	1.3M	GT240M	500GB	DVD±RW	Intel 5100	Black	Blue	Prem 64	Nov 09

- **15.6" HD widescreen, glossy display with LED backlight**
- **Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive slide bar**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Dolby® Home Theater® premium audio system with two stereo speakers and one subwoofer**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode**

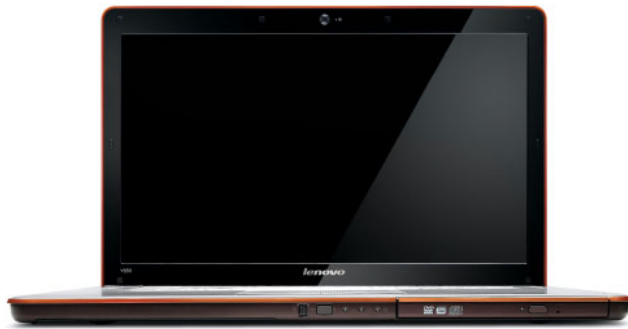
Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Core™ i7 processor i7-720QM or i7-820QM with quad-core</b> , 2.5GT/s (giga-transfers/second) DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology; <i>i7-720QM</i> : 6MB cache; <i>i7-820QM</i> : 8MB cache										<b>Preloaded operating system</b> <sup>20</sup> - Genuine Windows® 7 Home Premium 64-bit  <b>Preloaded applications</b> <sup>14</sup> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Easy Capture • Adobe® Reader® • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software				
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics</i> : standard memory in both sockets; no sockets available														
Diskette drive	None (use optional USB-based diskette drive)														
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7 mm high, tray-in														
SATA disk	<b>320GB</b> (5400 rpm) or <b>500GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable														
Widescreen display	<b>15.6"</b> (396.2mm) <b>HD</b> (WXGA 1366x768) <b>TFT color, VibrantView</b> (glossy); <b>LED backlight</b> , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio														
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator														
Discrete graphics	<b>NVIDIA® GeForce® GT 240M</b> , PCI Express® x16, <b>1GB</b> memory, DirectX® 10.1, PureVideo® HD technology, CUDA® technology, VGA, HDMI, HDCP-compliant														
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down button														
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch														
Dimensions <sup>3</sup>	(WxDxH): 15.2" x 10.0" x 1.02" to 1.5"; 385mm x 255mm x 26mm to 37mm														
Weight <sup>2</sup>	with optical drive and battery: <i>6-cell</i> : 6.06 lb (2.75 kg)														
Case color	Black top, black bottom														
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic														
Battery - type	Lithium Ion <b>6-cell</b>														
Battery - life <sup>10</sup>	Up to 3.5 hr														
Chipset	<b>Mobile Intel PM55 Express Chipset</b>														
ExpressCard/34	One slot (ExpressCard/34)														
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)														
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR														
TV tuner	None														
Mini PCI Express	Three Mini PCI Express slots														
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)														
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator														
Modem	None														
Ethernet	Gigabit ethernet, Broadcom® 57780, PCIe x1														
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two stereo speakers (2 watt) and subwoofer (2 watt), Dolby® Home Theater® Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)														
Security	Hard disk password, user password, supervisor password, security lockhole														
Fingerprint reader	None														

See footnotes for important warranty information  
US models announced November 3, 2009

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**Limited Warranty**<sup>12</sup>

- ⇒ **1-year parts and labor**
- ⇒ **Depot repair service**<sup>19</sup>
- ⇒ **Service upgrade options** (in eligible locations):<sup>9</sup>
  - **1-year accidental damage protection via depot** 43R8885
  - **3-year Lenovo Onsite Repair**<sup>13</sup> 9x5 Next Business Day 43R8883
  - **3-year Lenovo Onsite Repair**<sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884
  - ⇒ **24x7<sup>16</sup> toll-free support for warranty issues during the warranty period**<sup>12</sup> via 877-453-6686



Lenovo IdeaPad Y650



Lenovo IdeaPad Y650



Lenovo IdeaPad Y650



Lenovo IdeaPad Y650



Lenovo IdeaPad Y650



Lenovo IdeaPad Y650

Type-model	Pro- cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue- tooth	ENERGY STAR 5.0	Vista preload	Avail date
4185-36U	P8600	2.40	3GB	16.0" WXGA	LED	Cam	GMA	320GB <sup>8</sup>	DVD±RW	Intel 5100 <sup>28</sup>	Black	Blue	ES50	Prem 32	Feb 09
4185-56U	P8700	2.53	4GB	16.0" WXGA	CCFL	Cam	GMA	320GB	DVD±RW	Intel 5100	Black		ES50	Prem 64	Aug 09
4185-55U	P8700	2.53	4GB	16.0" WXGA	CCFL	Cam	GMA	320GB	DVD±RW	Intel 5100	Black		ES50	Prem 64	Aug 09
4185-75U	P8700	2.53	4GB	16.0" WXGA	CCFL	Cam	GMA	320GB	DVD±RW	Intel 5100	Black		ES50	Prem 64	Aug 09

- **16.0" widescreen, glossy display**
- **Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Dolby® Home Theater® premium audio system with two JBL® stereo speakers**
- **Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode**

Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Core™ 2 Duo processor P8600 or P8700</b> with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	<b>Preloaded operating system<sup>20</sup></b> - Some: Genuine Windows® Vista® Home Premium 32 - Some: Genuine Windows Vista Home Premium 64 ✦ Vista Premium logo
Memory	<b>3GB or 4GB</b> std / 8GB max <sup>2</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;	<b>Preloaded applications<sup>14</sup></b> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software
Diskette drive	None (use optional USB-based diskette drive)	Available at these retailers • lenovo.com
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in	
SATA disk	<b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
Widescreen display	<b>16.0"</b> (406.4mm) <b>WXGA (1366x768) TFT color, VibrantView</b> (glossy); <i>Some:</i> <b>LED backlight</b> , 300 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> CCFL backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator	
Camera		<b>Limited Warranty<sup>12</sup></b> ⇒ <b>1-year parts and labor</b> ⇒ <b>Depot repair service<sup>19</sup></b> ⇒ <b>Service upgrade options (in eligible locations):<sup>9</sup></b> • <b>1-year accidental damage protection via depot</b> 43R8885 • <b>3-year Lenovo Onsite Repair<sup>13</sup></b> 9x5 Next Business Day 43R8883 • <b>3-year Lenovo Onsite Repair<sup>13</sup></b> 9x5 Next Business Day with accidental damage protection 43R8884 ⇒ <b>24x7<sup>16</sup> toll-free support for warranty issues during the warranty period<sup>12</sup></b> via 877-453-6686
Integrated graphics	<b>Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)</b> , in GM45, HDMI port supporting HDCP to output protected content	
Keyboard	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button	
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key	
Light sensor	Ambient light sensor	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch	
Dimensions <sup>3</sup>	(WxDxH): 15.4" x 10.2" x 1.0" to 1.2"; 390mm x 260mm x 26 to 30mm	
Weight <sup>2</sup>	with optical drive and battery: <b>6-cell</b> : 5.62 lb (2.55 kg)	
Case color	Black top, black bottom	
Case material	Top: carbon fiber reinforced plastic; Bottom: magnesium-aluminum alloy	
Battery - type	<b>Lithium Ion 6-cell</b>	
Battery - life <sup>10</sup>	Up to 3.5 hr	
Chipset	<b>Mobile Intel GM45 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)	
ExpressCard/34	One slot (ExpressCard/34)	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)	
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port	
TV tuner	None	
Mini PCI Express	Three Mini PCI Express slots	
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1	
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two JBL stereo speakers (2 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)	
Security	Hard disk password, user password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information

✦ Intel Centrino® 2 processor technology

✦ US models announced August 19, 2009; previous models on February 24 or August 5, 2009

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Type-model	Pro- cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam- era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue- tooth	Win7 preload	Avail date
4185-57U	P8700	2.53	4GB	16.0" HD	CCFL	1.3M	GMA 4500MHD	500GB <sup>8</sup>	DVD±RW	✚ Intel 5100 <sup>28</sup>	Black	None	Prem 64	Nov 09

- **16.0" widescreen, glossy display**
- **Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive slide bar**
- **Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.**
- **Touch pad supports multi-touch function (pinch, expansion, chiral motion)**
- **Dolby® Home Theater® premium audio system with two JBL® stereo speakers**
- **Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions**
- **Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows**
- **OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode**

Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Core™ 2 Duo processor P8700</b> with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache		<b>Preloaded operating system</b> <sup>20</sup> - Genuine Windows® 7 Home Premium 64  <b>Preloaded applications</b> <sup>14</sup> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Adobe® Reader • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software  65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
Memory	<b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;		
Diskette drive SATA DVD±RW SATA disk	None (use optional USB-based diskette drive) DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in <b>500GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable		
Widescreen display	<b>16.0"</b> (406.4mm) <b>HD</b> (WXGA 1366x768) <b>TFT color, VibrantView</b> (glossy); <i>Some:</i> <b>LED backlight</b> , 300 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> CCFL backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator		
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator		
Integrated graphics	<b>Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)</b> , in GM45, HDMI port supporting HDCP to output protected content		
Keyboard	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button		
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key		
Light sensor	Ambient light sensor		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch		
Dimensions <sup>3</sup> Weight <sup>2</sup>	(WxDxH): 15.4" x 10.2" x 1.0" to 1.2"; 390mm x 260mm x 26 to 30mm with optical drive and battery: <i>6-cell</i> : 5.62 lb (2.55 kg)		
Case color	Black top, black bottom		
Case material	<i>Top</i> : carbon fiber reinforced plastic; <i>Bottom</i> : magnesium-aluminum alloy		
Battery - type	<b>Lithium Ion 6-cell</b>		
Battery - life <sup>10</sup>	Up to 3.5 hr		
Chipset	<b>Mobile Intel GM45 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)		
ExpressCard/34 Multicard reader	One slot (ExpressCard/34) 6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)		
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port		
TV tuner	None		
Mini PCI Express	Three Mini PCI Express slots		
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)		
Bluetooth™	None		
Modem	None		
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1		
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two JBL stereo speakers (2 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)		
Security	Hard disk password, user password, supervisor password, security lockhole		
Fingerprint reader	None		
			<b>Limited Warranty</b> <sup>12</sup> ⇒ <b>1-year parts and labor</b> ⇒ <b>Depot repair service</b> <sup>19</sup> ⇒ <b>Service upgrade options</b> (in eligible locations): <sup>9</sup> • <b>1-year accidental damage protection via depot</b> 43R8885 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day 43R8883 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884 ⇒ <b>24x7<sup>16</sup> toll-free support for warranty issues during the warranty period</b> <sup>12</sup> via 877-453-6686

See footnotes for important warranty information  
US model announced November 3, 2009

✚ Intel Centrino® 2 processor technology

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**Limited Warranty**<sup>12</sup>

⇒ **1-year parts and labor**  
⇒ **Depot repair service**<sup>19</sup>  
⇒ **Service upgrade options**  
(in eligible locations):<sup>9</sup>

- **1-year accidental damage protection via depot** 43R8885
- **3-year Lenovo Onsite Repair**<sup>13</sup> 9x5 Next Business Day 43R8883
- **3-year Lenovo Onsite Repair**<sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884

⇒ **24x7<sup>16</sup> toll-free support for warranty issues during the warranty period**<sup>12</sup> via 877-453-6686

Type-model	Processor	GHz	Memory	Widescreen display	CCFL or LED	Camera	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Vista preload	Avail date
4185-37U	P8600	2.40	3GB	16.0" WXGA	LED	Cam	G105M	320GB <sup>8</sup>	DVD±RW	Intel 5100 <sup>28</sup>	Black	Blue	Prem 64	Feb 09
4185-34U	P8700	2.53	4GB	16.0" WXGA	LED	Cam	G105M	320GB	DVD±RW	Intel 5100	Black	Blue	Prem 64	Feb 09

- 16.0" widescreen, glossy display with LED backlight
- Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar
- Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.
- Touch pad supports multi-touch function (pinch, expansion, chiral motion)
- Dolby® Home Theater® premium audio system with two JBL® stereo speakers
- Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions
- Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows
- OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode

Positioning Processor	Widescreen flexibility; two-spindle <b>Intel® Core™ 2 Duo processor P8600</b> or <b>P8700</b> with <b>dual-core</b> , Intel HD Boost, 1066MHz system bus, and 3MB L2 cache		<b>Preloaded operating system</b> <sup>20</sup> - Genuine Windows® Vista® Home Premium 64 ♦ Vista Premium logo  <b>Preloaded applications</b> <sup>14</sup> (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Easy Capture • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) • Media Show • Lenovo Desktop Navigator software
Memory	<b>3GB</b> or <b>4GB</b> std / 8GB max <sup>7</sup> ; <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available;		
Diskette drive	None (use optional USB-based diskette drive)		Available at these retailers • lenovo.com  90-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant  <b>Limited Warranty</b> <sup>12</sup> ⇒ <b>1-year parts and labor</b> ⇒ <b>Depot repair service</b> <sup>19</sup> ⇒ <b>Service upgrade options</b> (in eligible locations): <sup>9</sup> • <b>1-year accidental damage protection via depot</b> 43R8885 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day 43R8883 • <b>3-year Lenovo Onsite Repair</b> <sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884 ⇒ <b>24x7</b> <sup>16</sup> toll-free support for warranty issues during the warranty period <sup>12</sup> via 877-453-6686
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in		
SATA disk	<b>320GB</b> (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable		
Widescreen display	<b>16.0"</b> (406.4mm) <b>WXGA (1366x768) TFT color, VibrantView</b> (glossy); <b>LED backlight</b> , 300 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator		
Discrete graphics	<b>NVIDIA® GeForce® G105M</b> , PCI Express® x16, <b>256MB</b> memory, DirectX® 10, PureVideo® HD technology, VGA, HDMI, HDCP-compliant		
Keyboard	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button		
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key		
Light sensor	Ambient light sensor		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch		
Dimensions <sup>3</sup>	(WxDxH): 15.4" x 10.2" x 1.0"; 390mm x 260mm x 26mm		
Weight <sup>2</sup>	with optical drive and battery: <i>6-cell</i> : 5.62 lb (2.55 kg)		
Case color	Black top with engraved pattern, black bottom		
Case material	<i>Top</i> : carbon fiber reinforced plastic; <i>Bottom</i> : magnesium-aluminum alloy		
Battery - type	Lithium Ion <b>6-cell</b>		
Battery - life <sup>10</sup>	Up to 2.5 hr		
Chipset	<b>Mobile Intel PM45 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)		
ExpressCard/34	One slot (ExpressCard/34)		
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)		
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port		
TV tuner	None		
Mini PCI Express	Three Mini PCI Express slots		
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)		
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator		
Modem	None		
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1		
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two JBL® stereo speakers (2 watt), Dolby® Home Theater™ Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)		
Security	Hard disk password, user password, supervisor password, security lockhole		
Fingerprint reader	None		

See footnotes for important warranty information  
US models announced February 24, 2009

♦ Intel Centrino® 2 processor technology

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Lenovo IdeaPad Y730  
Valencia Orange



Lenovo IdeaPad Y730  
Valencia Orange



Lenovo IdeaPad Y730



Lenovo IdeaPad Y730  
Dark Blue, Glossy Finish



Lenovo IdeaPad Y730  
Valencia Orange



Lenovo IdeaPad Y730  
Valencia Orange



Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk(s)	SATA optical	Mini PCIe 802.11 wireless	Top color	Bluetooth	Keypad / Game Zone	Vista preload	Avail date
4053-2DU	T3200	2.00	2GB	17.0" WXGA+	Cam	GMA	1 x 160GB <sup>8</sup>	DVD±RW	Intel 5100 <sup>28</sup>	Blue	None	Keypad	Prem 32	Sep 08
<ul style="list-style-type: none"><li>• <b>17.0" widescreen, glossy display</b></li><li>• <b>Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.</b></li><li>• <b>Dolby<sup>®</sup> Home Theater™ premium audio system with four speakers and one subwoofer</b></li><li>• <b>HDMI port, HDCP-compliant</b></li><li>• <b>Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows</b></li></ul>														

See footnotes for important warranty information  
 US model announced September 16, 2008

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Type-model	Proc- essor	GHz	Memory	Widescreen display	Discrete graphics	VGA-in	SATA disk(s)	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad / Game Zone	ENERGY STAR 5.0	Vista preload	Avail date
4053-2FU	T5800	2.00	2GB	17.0" WXGA+	HD 3650	VGA-in	1 x 320GB <sup>8</sup>	DVD±RW	* Intel 5100 <sup>28</sup>	Blue	Keypad		Prem 32	Sep 08
4053-2GU	T5800	2.00	3GB	17.0" WXGA+	HD 3650	VGA-in	1 x 320GB	DVD±RW	* Intel 5100	Blue	Keypad		Prem 32	Sep 08
4053-2CU	P7350	2.00	3GB	17.0" WXGA+	HD 3650	VGA-in	1 x 320GB	DVD±RW	÷ Intel 5100	Blue	Keypad	ES50	Prem 64	Aug 08
4053-2BU	P8400	2.26	3GB	17.0" WXGA+	HD 3650	VGA-in	1 x 320GB	DVD±RW	÷ Intel 5100	Blue	Keypad	ES50	Prem 64	Aug 08
4053-2AU	P8400	2.26	4GB	17.0" WUXGA	HD 3650		1 x 320GB	DVD±RW	÷ Intel 5100	Orange	Game	ES50	Prem 64	Aug 08
4053-2EU	X9100	3.06	4GB	17.0" WUXGA	HD 3650		2 x 320GB	Blu-ray	÷ Intel 5100	Orange	Game		Prem 64	Sep 08
<ul style="list-style-type: none"><li>• <b>17.0" widescreen, glossy display</b></li><li>• <b>Halo lighting that changes color based on processor speed or customer preferences</b></li><li>• <b>Dark blue or valencia orange color with glossy piano finish</b></li><li>• <b>Game Zone with secondary display, user-defined keys, performance control switch and enlarged direction keys on select models</b></li><li>• <b>Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.</b></li><li>• <b>Dolby® Home Theater™ premium audio system with four speakers and one subwoofer</b></li><li>• <b>Hot-swap secondary disk capability on select models</b></li><li>• <b>Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows</b></li></ul>														
Processor	<b>Intel® Core™ 2 Duo processor T5800</b> with dual-core, 800MHz system bus, and 2MB L2 cache or <b>Intel Core 2 Duo processor P7350</b> or <b>P8400</b> with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache or <b>Intel Core 2 Extreme processor X9100</b> with dual-core, Intel HD boost, 1066MHz system bus, and 6MB L2 cache										<b>Preloaded operating system<sup>20</sup></b> <ul style="list-style-type: none"><li>- Some: Genuine Windows® Vista® Home Premium 32</li><li>- Some: Genuine Windows Vista Home Premium 64</li></ul> ✧ Vista Premium logo			
Memory	<b>2GB, 3GB, or 4GB</b> std / 4GB max <sup>7</sup> / <b>PC3-8500 1066MHz DDR3</b> , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available										<b>Preloaded applications<sup>14</sup></b> <ul style="list-style-type: none"><li>• Lenovo® OneKey Recovery</li><li>• Lenovo ReadyComm</li><li>• Lenovo Idea Central (Premium 64-bit models only)</li><li>• Lenovo Idea Notes (Premium 64-bit models only)</li><li>• Norton Internet Security™ (90 days of virus definitions)</li><li>• Adobe® Reader</li><li>• Windows Live™ Toolbar</li><li>• Easy Capture</li><li>• Microsoft® Office 2007 Trial (60-day)</li><li>• Napster™ To Go® (Premium 32-bit models only)</li><li>• WildGames™</li><li>• Carbonite Online Backup</li><li>• VeriFace™</li><li>• Lenovo Energy Management Software</li><li>• Cyberlink Power2Go (DVD±RW, Blu-ray)</li></ul>			
SATA DVD±RW	Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm, tray-in										Available at these retailers <ul style="list-style-type: none"><li>• lenovo.com</li></ul>			
SATA Blu-ray™	Some: Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, tray-in													
Primary SATA disk	<b>320GB</b> (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable													
Second SATA disk	Some: <b>320GB</b> (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable, hot-swap support, external support via USB cable													
Disk bays	Two internal disk bays, 9.5mm high										135-watt AC adapter Wireless on/off switch Some: VGA in/out switch RoHS-compliant			
Widescreen display	Some: <b>17.0"</b> (431.8mm) <b>WXGA+ (1440x900) TFT color</b> , 200 nits Some: <b>17.0"</b> (431.8mm) <b>WUXGA (1920x1200) TFT color</b> , 300 nits All: <b>VibrantView</b> (glossy), 16:10 aspect ratio, 500:1 contrast, frameless screen													
Camera	Camera on top of screen, 1.3-megapixel, fixed focus													
Discrete graphics	<b>ATI™ Mobility Radeon™ HD 3650</b> , PCI Express® x16, <b>512MB</b> memory, DirectX® 10, ATI Avivo™ HD, VGA connector (with VGA-in support on some models), HDMI connector, HDCP-compliant													
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys										<b>Limited Warranty<sup>12</sup></b> <ul style="list-style-type: none"><li>➤ <b>1-year parts and labor</b></li><li>➤ <b>Depot repair service<sup>19</sup></b></li><li>➤ <b>Service upgrade options (in eligible locations):<sup>9</sup></b><ul style="list-style-type: none"><li>• <b>1-year accidental damage protection via depot</b> 43R8885</li><li>• <b>3-year Lenovo Onsite Repair<sup>13</sup> 9x5 Next Business Day</b> 43R8883</li><li>• <b>3-year Lenovo Onsite Repair<sup>13</sup> 9x5 Next Business Day with accidental damage protection</b> 43R8884</li></ul></li><li>➤ <b>24x7<sup>16</sup> toll-free support for warranty issues during the warranty period<sup>12</sup> via 877-453-6686</b></li></ul>			
Numeric keypad	Some: Numeric keypad on right of keyboard													
Game Zone	Some: Secondary display, user-defined keys, performance switch, enlarged direction keys													
Multimedia controls	Touch-sensitive audio-video control panel, Shuttle Key													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions <sup>3</sup>	(WxDxH): 15.5" x 11.2" x 1.22" to 1.53"; 395mm x 285mm x 31 to 39mm													
Weight <sup>2</sup>	with optical drive and battery: 7.9 lb (3.6 kg)													
Case color	Top: dark blue or valencia orange, glossy finish; Bottom: black													
Case material	ABS plastic													
Battery - type	Lithium Ion <b>6-cell</b> , 5200 mAh, smart battery, 5-bar battery indicator													
Battery - life <sup>10</sup>	Up to 3.5 hr													
Chipset	<b>Mobile Intel GM45 Express Chipset</b> (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC) One ExpressCard/34 or ExpressCard/54													
ExpressCard/54	One ExpressCard/34 or ExpressCard/54													
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)													
Ports	Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													
TV tuner	None													
Mini PCI Express	Three Mini PCI Express slots													
Intel 5100 <sup>28</sup>	11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)													
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator													
Modem	56K V.92 <sup>6</sup> modem													
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI 2.3													
Audio support	Intel High Definition (HD) Audio, RealTek® ALC888S codec / two main speakers (2 watt), two secondary speakers (1.5 watt) and subwoofer (3 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security	Power-on password, hard disk password, supervisor password, security keyhole													
Fingerprint reader	None													

See footnotes for important warranty information  
 US models announced September 16, 2008;  
 previous models on August 19, 2008

\* Intel Centrino® processor technology  
 ✧ Intel Centrino 2 processor technology

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	Type-model	Proc- essor	GHz	Memory	Widescreen display	Discrete graphics	VGA-in	SATA disk(s)	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad / Game Zone	ENERGY STAR 5.0	Vista preload	Avail date
X	4053-2MU	T6400	2.00	2GB	17.0" WXGA+	HD 3650		1 x 320GB <sup>8</sup>	DVD±RW	✱ Intel 5100 <sup>28</sup>	Blue	Keypad	None	Prem 32	Mar 09
	4053-2NU	T6400	2.00	3GB	17.0" WXGA+	HD 3650		1 x 320GB	DVD±RW	✱ Intel 5100	Blue	Keypad	None	Prem 32	Apr 09
	4053-33U	P7350	2.00	4GB	17.0" WUXGA	HD 3650		1 x 320GB	DVD±RW	✱ Intel 5100	Orange	Game	None	Prem 64	Nov 08
	4053-2LU	P7450	2.13	3GB	17.0" WXGA+	HD 3650		1 x 320GB	DVD±RW	✱ Intel 5100	Blue	Keypad	None	Prem 64	Mar 09
	4053-35U	P8400	2.26	4GB	17.0" WXGA+	HD 3650	VGA-in	1 x 320GB	DVD±RW	✱ Intel 5100	Blue	Keypad	None	Prem 64	Nov 08
E	4053-32U	P8600	2.40	3GB	17.0" WUXGA	HD 3650		1 x 320GB	DVD±RW	✱ Intel 5100	Orange	Game	None	Prem 32	Nov 08
	4053-2QU	P8600	2.40	4GB	17.0" WXGA+	HD 3650		1 x 320GB	DVD±RW	✱ Intel 5100	Blue	Keypad	None	Prem 64	May 09
	4053-2HU	P8600	2.40	4GB	17.0" WUXGA	HD 3650		1 x 320GB	DVD±RW	✱ Intel 5100	Orange	Game	None	Prem 64	Mar 09
	4053-2JU	P8600	2.40	4GB	17.0" WUXGA	HD 3650		1 x 320GB	DVD±RW	✱ Intel 5100	Orange	Game	None	Prem 64	Apr 09
	4053-34U	T9400	2.53	4GB	17.0" WUXGA	HD 3650		2 x 320GB	Blu-ray	✱ Intel 5100	Orange	Game	None	Prem 64	Nov 08
<ul style="list-style-type: none"><li>• 17.0" widescreen, glossy display</li><li>• Halo lighting that changes color based on processor speed or customer preferences</li><li>• Game Zone with secondary display, user-defined keys, performance control switch and enlarged direction keys on select models</li><li>• Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.</li><li>• Dolby® Home Theater™ premium audio system with four speakers and one subwoofer</li><li>• Hot-swap secondary disk capability on select models</li><li>• Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows</li></ul>															
Processor		Intel® Core™ 2 Duo processor T6400 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7350, P7450, P8400, P8600, or T9400 with dual-core, Intel HD Boost, 1066MHz system bus; P7350/P7450/P8400/P8600: 3MB L2 cache; T9400: 6MB L2 cache										Preloaded operating system <sup>20</sup> <ul style="list-style-type: none"><li>- Some: Genuine Windows® Vista® Home Premium 32</li><li>- Some: Genuine Windows Vista Home Premium 64</li></ul> ✧ Vista Premium logo			
Memory		2GB, 3GB, or 4GB std / 4GB max <sup>7</sup> / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; Italics: standard memory in both sockets; no sockets available										Preloaded applications <sup>14</sup> <ul style="list-style-type: none"><li>• Lenovo® OneKey Recovery</li><li>• Lenovo ReadyComm</li><li>• Lenovo Idea Central (Premium 64-bit models only)</li><li>• Lenovo Idea Notes (Premium 64-bit models only)</li><li>• Norton Internet Security™ (90 days of virus definitions)</li><li>• Adobe® Reader</li><li>• Windows Live™ Toolbar</li><li>• Easy Capture</li><li>• Microsoft® Office 2007 Trial (60-day)</li><li>• Napster™ To Go® (Premium 32-bit models only)</li><li>• WildGames™</li><li>• Carbonite Online Backup</li><li>• VeriFace™</li><li>• Lenovo Energy Management Software</li><li>• Cyberlink Power2Go (DVD±RW, Blu-ray)</li></ul>			
SATA DVD±RW		Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm, tray-in										Available at these retailers <ul style="list-style-type: none"><li>• lenovo.com</li></ul>			
SATA Blu-ray™		Some: Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, tray-in													
Primary SATA disk		320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable										135-watt AC adapter Wireless on/off switch Some: VGA in/out switch RoHS-compliant			
Second SATA disk		Some: 320GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable, hot-swap support, external support via USB cable													
Disk bays		Two internal disk bays, 9.5mm high										Limited Warranty <sup>12</sup> <ul style="list-style-type: none"><li>✧ 1-year parts and labor</li><li>✧ Depot repair service<sup>19</sup></li><li>✧ Service upgrade options (in eligible locations):<sup>9</sup><ul style="list-style-type: none"><li>• 1-year accidental damage protection via depot 43R8885</li><li>• 3-year Lenovo Onsite Repair<sup>13</sup> 9x5 Next Business Day 43R8883</li><li>• 3-year Lenovo Onsite Repair<sup>13</sup> 9x5 Next Business Day with accidental damage protection 43R8884</li></ul></li><li>✧ 24x7<sup>16</sup> toll-free support for warranty issues during the warranty period<sup>12</sup> via 877-453-6686</li></ul>			
Widescreen display		Some: 17.0" (431.8mm) WXGA+ (1440x900) TFT color, 200 nits Some: 17.0" (431.8mm) WUXGA (1920x1200) TFT color, 300 nits All: VibrantView (glossy), 16:10 aspect ratio, 500:1 contrast ratio													
Camera		Camera on top of screen, 1.3-megapixel, fixed focus													
Discrete graphics		ATI™ Mobility Radeon™ HD 3650, PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD, VGA connector (with VGA-in support on some models), HDMI connector, HDCP-compliant													
Keyboard		Full-size keyboard, 6-row, 84-key, multimedia Fn keys													
Numeric keypad		Some: Numeric keypad on right of keyboard													
Game Zone		Some: Secondary display, user-defined keys, performance switch, enlarged direction keys													
Multimedia controls		Touch-sensitive audio-video control panel, Shuttle Key													
Touch pad		Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions <sup>3</sup>		(WxDxH): 15.5" x 11.2" x 1.22" to 1.53"; 395mm x 285mm x 31 to 39mm													
Weight <sup>2</sup>		with optical drive and battery: 7.9 lb (3.6 kg)													
Case color		Top: dark blue or valencia orange, glossy finish; Bottom: black													
Case material		ABS plastic													
Battery - type		Lithium Ion 6-cell, 5200 mAh, smart battery, 5-bar battery indicator													
Battery - life <sup>10</sup>		Up to 3.5 hr													
Chipset		Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)													
ExpressCard/54		One slot (ExpressCard/34, ExpressCard/54)													
Multicard reader		6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)													
Ports		Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													
TV tuner		None													
Mini PCI Express		Three Mini PCI Express slots													
Intel 5100 <sup>28</sup>		11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)													
Bluetooth™		Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator													
Modem		56K V.92 <sup>6</sup> modem													
Ethernet		10/100 ethernet, Broadcom® BCM5906M, PCI 2.3													
Audio support		Intel High Definition (HD) Audio, RealTek® ALC888S codec / two main speakers (2 watt), two secondary speakers (1.5 watt) and subwoofer (3 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security		Power-on password, hard disk password, supervisor password, security keyhole													
Fingerprint reader		None													

See footnotes for important warranty information

✱ Intel Centrino® processor technology

✱ US model announced May 6, 2009

✱ Intel Centrino 2 processor technology

previous models on November 12, 2008 or March 17 or April 22, 2009

✱ US models withdrawn effective October 2009

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**Partial list of accessories supported on:  
IdeaPad S9, S10, S10-2, S12, U110, U330, U450p, Y430, Y450, Y510,  
Y530, Y550, Y650, Y710, and Y730**

**Storage and removable storage**

USB 2.0 MyKey E10 Flash Drive 1GB	45J7701	ann 04/29/08
USB 2.0 MyKey E10 Flash Drive 2GB	45J7702	ann 04/29/08
USB 2.0 MyKey E10 Flash Drive 4GB	45J7703	ann 04/29/08
USB 2.0 MiniKey M10D1 Flash 2GB (gray)	45J7752	ann 05/20/08
USB 2.0 MiniKey M10D2 Flash 2GB (black)	45J7754	ann 05/20/08
USB 2.0 MiniKey M10E1 Flash 2GB (teal)	45J7756	ann 05/20/08
USB 2.0 MiniKey M10E2 Flash 2GB (pink)	45J7758	ann 05/20/08
USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 DataSlim E16 Portable HD 160GB	45J7700	ann 04/29/08
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann 11/18/08
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09
USB 2.0 Super Multi-Burner Drive (black)	45Y2152	ann 01/06/09

**Expansion**

Lenovo Essential Notebook Stand S9, S10	45J9292	ann 05/12/09
USB Port Replicator with Digital Video	45K1610	ann 07/28/09

**Keyboard**

Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Ultraslim Wireless Keyboard and Mouse <sup>52</sup>	57Y4700	ann 09/15/09

<sup>52</sup> Wireless via 2.4GHz technology using a micro-size USB receiver.

**Mouse**

Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07
IdeaPad Mini Optical Mouse M10 (black)	47J7729	ann 06/17/08
IdeaPad Mini Optical Mouse M10A (black)	45J7730	ann 07/15/08
Lenovo® Mini Optical Mouse M30 (black)	47J7735	ann 06/17/08
Lenovo Mini Optical Mouse M30 (white)	47J7736	ann 06/17/08
Lenovo Mini Optical Mouse M30 (red)	47J7737	ann 06/17/08
Lenovo Mini Optical Mouse M30 (blue)	47J7738	ann 06/17/08
Mini Wireless Laser Mouse N10 (black)	45J7731	ann 06/17/08
Mini Wireless Laser Mouse N10 (red)	45J7732	ann 06/17/08

**Batteries**

S9, S10		
IdeaPad S9/S10 Li-Ion Battery 6-cell (white)	45K2177	ann 12/16/08
IdeaPad S9/S10 Li-Ion Battery 6-cell (black)	45K2178	ann 12/16/08
Y510, Y530, Y710, and Y730		
Lenovo Y510/Y710 Li-Ion Battery 6-cell	45J7706	ann 04/29/08
Y450 and Y550		
Lenovo Y450/Y550 Li-Ion Battery 6-cell	55Y2054	ann 04/07/09
Y650		
Lenovo Y650 Li-Ion Battery 6-cell	55Y2055	ann 04/07/09
S9, S10		
IdeaPad S9/S10 40W AC Adapter (white)	45K2200	ann 11/18/08
IdeaPad S9/S10 40W AC Adapter (black)	45K2209	ann 11/18/08
U110 and Y510		
90W Ultraslim AC/DC Combo Adapter	41R4493	ann 09/22/09
U330, U350, U450P, U550, Y450, Y550, Y650 and Y730 <sup>45</sup>		
Lenovo 90W AC Adapter	45J7717	ann 08/12/08

<sup>45</sup> Only compatible with the integrated graphic models of Y730

**Carrying Cases**

S9, S10		
IdeaPad 10" Sleeve S110 (pink and gray)	45K2171	ann 10/14/08
S9, S10, U110 and U330		
Women's Executive Red Leather Tote	22P8858	
Lenovo Women's Tote L34 (brown)	45J7728	ann 06/03/08
S9, S10, U110, U330, Y430, Y450, Y510, Y530, and Y550		
IdeaPad Wenger® Backpack	45K1397	ann 10/14/08
IdeaPad B450 Backpack (pink)	55Y2034	ann 01/06/09
Lenovo Entry 15" Backpack B10	45J5468	ann 07/15/08
Lenovo 15" Top Loader T35 (black)	45J7726	ann 06/03/08
Lenovo Carrying Case - Backpack	40Y8603	ann 05/01/07
Lenovo Carr Case - Performance Backpack	41U5254	ann 05/01/07
ThinkPad Sleek Backpack	41A4277	
Lenovo Standard Case	45K1697	ann 11/25/08
Lenovo Standard Backpack	45K1698	ann 11/25/08

**Monitors**

Lenovo® D185 Wide 18.5" Monitor	6318HB1	ann 01/27/09
Lenovo L215 Wide 21.5" Monitor	6325HB1	ann 01/27/09
Lenovo L215p Wide 21.5" Monitor	6325HC1	ann 01/27/09
ThinkVision® L174 17" Monitor	9227AE1	ann 04/15/08
ThinkVision L1700p 17" Monitor	9417HE2	ann 09/17/08
ThinkVision L1711p 17" Monitor	5047HB2	ann 10/20/09
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1940p Wide 19" Monitor	4424HB6	ann 09/17/08
ThinkVision L1951p Wide 19" Monitor	2448HB6	ann 10/20/09
ThinkVision L2240p Wide 22" Monitor	4422HB6	ann 09/17/08
ThinkVision L2250p Wide 22" Monitor	2572HB6	ann 10/20/09
ThinkVision L2251p Wide 22" Monitor	2572HD6	ann 10/20/09
ThinkVision L2251x Wide 22" Monitor	2578HB6	ann 10/20/09
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08
ThinkVision L2440x Wide 24" Monitor	4421HB2	ann 09/17/08

**Monitor Accessories<sup>46</sup>**

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09
Radial Arm	19K4464	ann 05/05/00

<sup>46</sup> Compatible on selected ThinkVision monitors.

More information at [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

**Consumer monitors**

Lenovo L195 Wide 19" LCD Monitor	4418HC1	ann 09/02/08
Lenovo L222 Wide 22" LCD Monitor	4432HF1	ann 09/02/08

Other accessories at [www.lenovo.com/accessories](http://www.lenovo.com/accessories)

Accessories Guide pdf at [www.lenovo.com/accessoriesguide](http://www.lenovo.com/accessoriesguide)

**Availability:** All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

**Warranty:** For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

**Footnotes:**

- <sup>1</sup> Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.
- <sup>2</sup> **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.
- <sup>3</sup> **Thinness** may vary at certain points on the system.
- <sup>4</sup> **Wireless capability:** Requires compatible wireless-enabled options sold separately.
- <sup>5</sup> **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.
- <sup>6</sup> **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- <sup>7</sup> **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems Windows XP Professional 64-bit and Windows Vista 64-bit Editions.
- <sup>8</sup> **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
- <sup>8</sup> **Service upgrade options:** Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees.
- <sup>10</sup> **Battery:** These model numbers achieved the battery life based on MobileMark® 2007 during testing. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.
- <sup>11</sup> **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.
- <sup>12</sup> **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
- <sup>13</sup> **Onsite Repair:** If a machine is listed as having "On-site", this means that on-site service is available for the replacement of parts for warranty repairs. Certain parts, referred to as Customer Replaceable Unit ("CRU") parts, are easy to install and require little or no tools or technical knowledge. Some examples of CRU parts are mice, keyboards, hard disk drives, speakers, and memory. If your problem can be resolved with a CRU, the Support Center will offer to ship the part to you for you to install.
- <sup>14</sup> **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.
- <sup>15</sup> **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- <sup>16</sup> **Response times may vary.** May exclude some holidays. Telephone support may be subject to additional charges.
- <sup>17</sup> **International Warranty Service** is available for most products in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.
- <sup>18</sup> **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary and may exclude some holidays.
- <sup>19</sup> **Depot repair service:** In the United States call 1-877-453-6686. The customer may be asked certain diagnostic questions before a courier is sent. Your purchase includes this depot repair service, available in the U.S. during the limited warranty period.
- <sup>20</sup> **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to [lenovo.com/pc/support](http://lenovo.com/pc/support) and enter your machine type and model number for more information.
- <sup>21</sup> **For combination drives,** maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.
- <sup>22</sup> **Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part can be express shipped to you for quick replacement. For notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

<sup>25</sup> **Wireless WAN Cards:** Wireless data service requires separate agreement with Verizon Wireless. Verizon Wireless, not Lenovo, is solely responsible for service. Monthly and airtime charges may apply. Service may not be available in all areas; purchaser is responsible for verifying with Verizon Wireless that service is available for the intended location before the purchase of the card. For complete details, including service plans, additional required hardware or software, and service coverage, visit [www.verizonwireless.com](http://www.verizonwireless.com).

<sup>28</sup> **The IEEE 802.11n specification (MIMO)** has not been finalized and is currently in draft release. The Lenovo 11a/b/g/n (11n) Wireless LAN Mini PCI Express Adapters are based on the Draft Release, Version 1.0, of the IEEE 802.11n specification. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, or 11a/b/g/n can communicate on any of its supported formats.



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Visit [www.lenovo.com/safecomputing](http://www.lenovo.com/safecomputing) periodically for the latest information on safe and effective computing.

Visit [www.lenovo.com/psref](http://www.lenovo.com/psref) for the latest version of Personal Systems Reference.

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